

FIG. 1

Title: SEMICONDUCTOR
DEVICE AND METHOD OF
MANUFACTURING THE SAME
Inventor(s): Noboru NODA
DOCKET NO.: 016887-1104

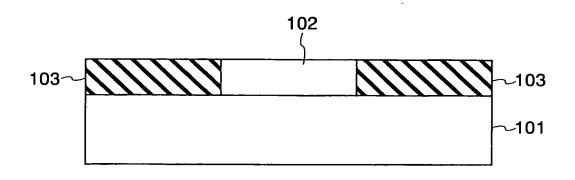


FIG. 2A

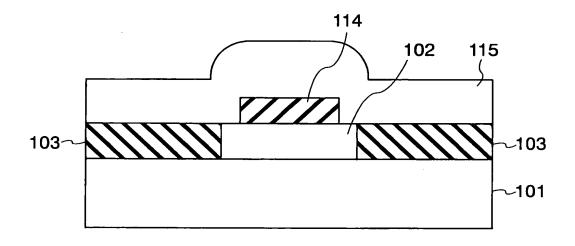


FIG. 2B

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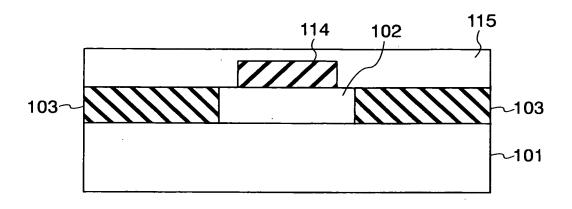


FIG. 3A

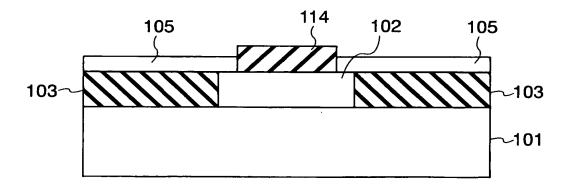


FIG. 3B

Inventor(s): Noboru NODA DOCKET NO.: 016887-1104

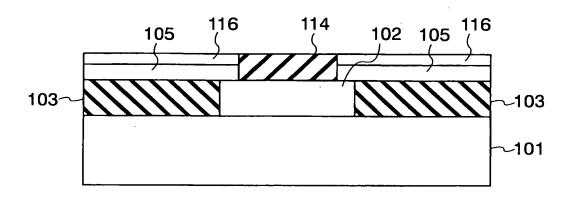


FIG. 4A

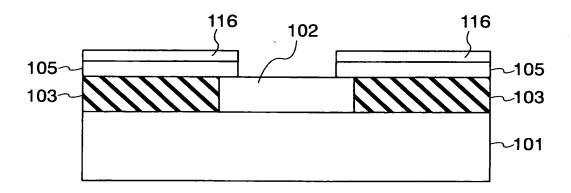


FIG. 4B

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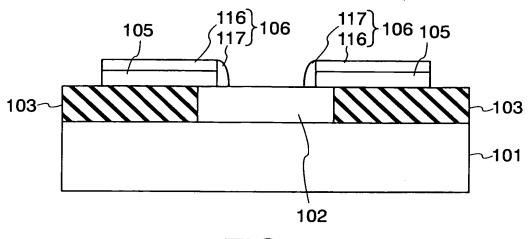


FIG. 5A

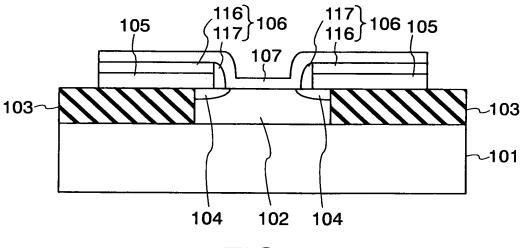
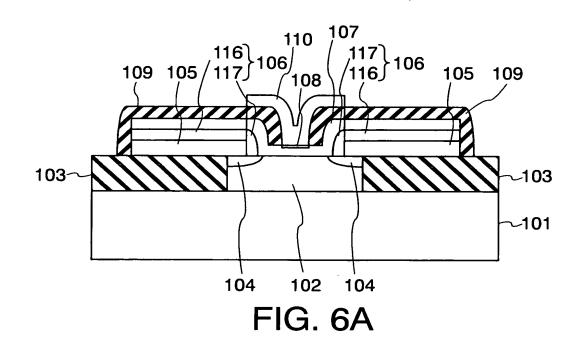
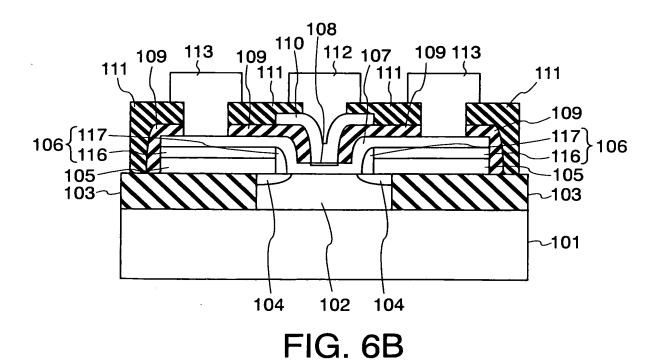


FIG. 5B

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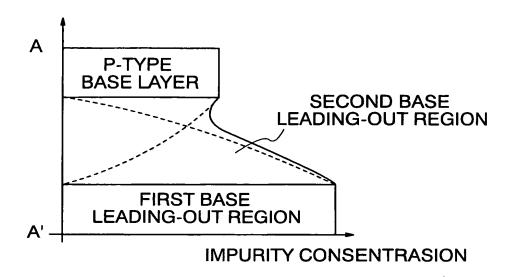
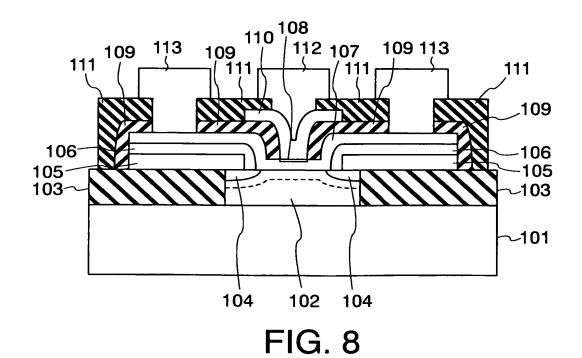


FIG. 7



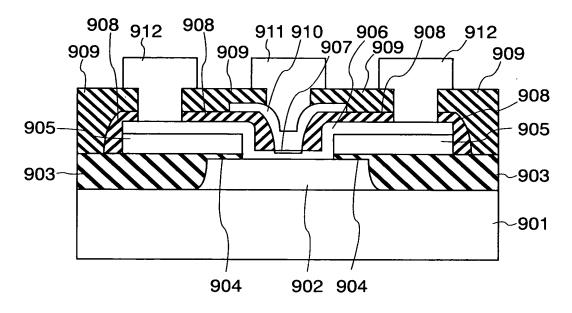


FIG. 9 PRIOR ART

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Inventor(s): Noboru NODA DOCKET NO.: 016887-1104

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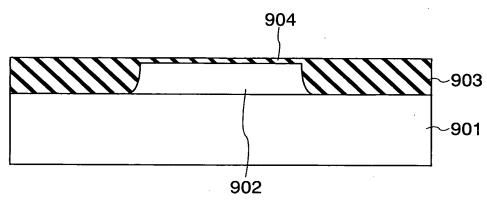


FIG. 10A PRIOR ART

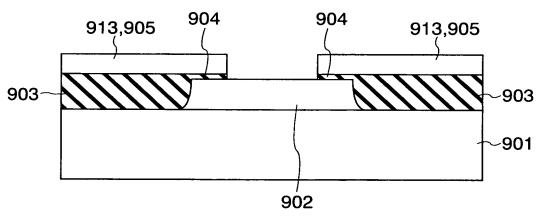


FIG. 10B PRIOR ART

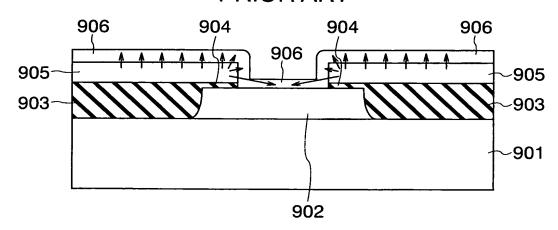


FIG. 10C PRIOR ART

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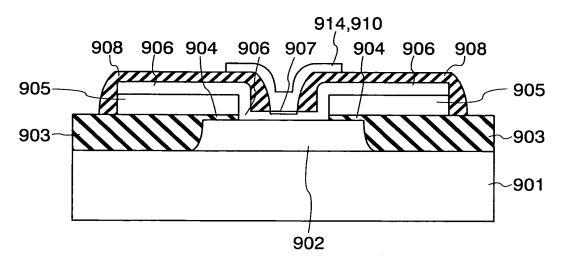


FIG. 11A PRIOR ART

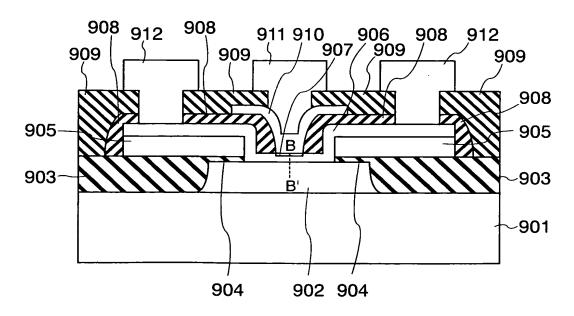
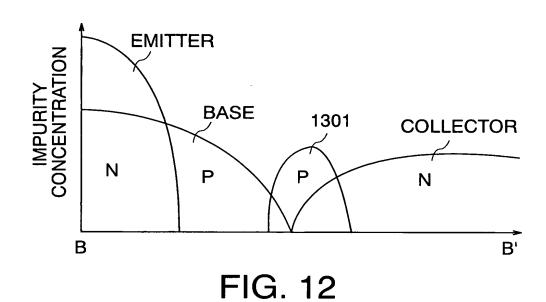


FIG. 11B PRIOR ART

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**PRIOR ART** 

908 904 911 910 908 912 908 912 909 909 909 904 908 906 906 905 905 903-903 901 DEPLETION LAYER 902

FIG. 13

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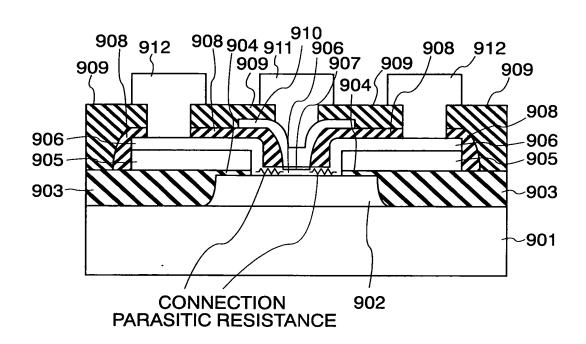


FIG. 14